

10/518964

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PATENT  
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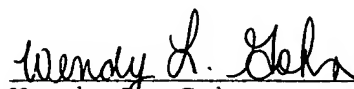
The Patent Application for DEG-FIRING was mailed by EXPRESS MAIL on December 20, 2004

  
Douglas J. Hyra

DENTSPLY International Inc.  
570 West College Avenue  
P.O. Box 872  
York, PA 17405-0872

Physically delivered to the United States Post Office, York, Pennsylvania by: Wendy L. Gohn

I hereby certify that this paper or fee is being deposited with the United States postal Service "EXPRESS MAIL Post Office To Addressee" service, under 37 CFR 1.10, as modified by 68 Fed. Reg. 14332 (March 25k 2003) on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Wendy L. Gohn  
Title: Patent Assistant

**DENTSPLY**

DENTSPLY International

World Headquarters  
Susquehanna Commerce Center  
221 West Philadelphia Street  
York, PA 17405-0872

December 20, 2004

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: International Patent Application Number PCT/US2003/019327  
International Filing Date: 18 June 2003  
Applicant: HAUNER, Wigbert  
Title: "Device for firing ceramic for dental prostheses"  
Our Ref: DEG-FIRING

Dear Sir:

Submitted herewith are the Transmittal Letter to the US Designated/Elected Office Concerning A Filing Under 35 USC 371, WO 04/001311 A1 cover sheet, and International Preliminary Examination Report with response thereto for the subject patent application: PCT/US2003/019327; International filing date 18 June 2003. Please do not hesitate to contact me with any questions, which you may have.

Best regards,

Douglas J. Hura  
Patent Counsel

Address of person signing:

DENTSPLY International Inc.  
570 West College Avenue  
P.O. Box 872  
York, PA 17405-0872

Phone: 717-849-4466


DJH/wlg

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>DEG-FIRING</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US2003/019327</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/518964</b>
INTERNATIONAL FILING DATE <b>18 June 2003</b>		PRIORITY DATE CLAIMED <b>20 June 2002</b>
TITLE OF INVENTION <b>DEVICE FOR FIRING CERAMIC FOR DENTAL PROSTHESES</b>		
APPLICANT(S) FOR DO/EO/US <b>HAUNER, Wigbert</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
a. <input type="checkbox"/> is attached hereto.		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input checked="" type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).		
20. <input type="checkbox"/> Other items or information:		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/518964</div>		INTERNATIONAL APPLICATION NO. PCT/US2003/019327		ATTORNEY'S DOCKET NUMBER DEG-FIRING							
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00 <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td colspan="2" style="height: 100px;"></td> </tr> <tr> <td style="text-align: right;">\$ 950.00</td> <td></td> </tr> </table>		CALCULATIONS	PTO USE ONLY			\$ 950.00	
CALCULATIONS	PTO USE ONLY										
\$ 950.00											
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$							
Total claims	14 - 20 =	0	X \$18.00	\$ 0.00							
Independent claims	1 - 3 =	0	X \$88.00	\$ 0.00							
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00	\$ 0.00							
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 0.00							
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$							
<b>SUBTOTAL =</b>				\$ 950.00							
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$							
<b>TOTAL NATIONAL FEE =</b>				\$ 950.00							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$							
<b>TOTAL FEES ENCLOSED =</b>				\$ 950.00							
				Amount to be refunded:	\$						
				Amount to be charged:	\$						
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-0780</u> in the amount of \$ <u>950.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-0780</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.											
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed          and granted to restore the International Application to pending status.</b>											
SEND ALL CORRESPONDENCE TO:  Douglas J. Hura, Esquire DENTSPLY International Inc. 570 West College Avenue P.O. Box 872 York, PA 17405-0872											
				 SIGNATURE							
				Douglas J. Hura NAME							
				33249 REGISTRATION NUMBER							

10/518964

DT05 R PCT/PTO 20 DEC 2004

PATENT  
DEG-FIRING

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION: HAUNER, Wigbert

Serial No.: PCT/US2003/019327

Art Unit:

International Filing Date: 18 June 2003

Authorized Officer: S. Mafla

For: DEVICE FOR FIRING CERAMIC PRODUCTS FOR DENTAL PROSTHESES

**Response to the PCT Facsimile from Catherine Mondon dated November 14, 2003**

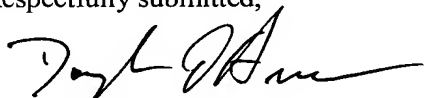
In response to the PCT Facsimile from Catherine Mondon dated November 14, 2003, the Applicants hereby submit revised page 1 of the Request.

The enclosed revised page 1 of the Request is believed to comply with the requirements set forth in the PCT Facsimile from Catherine Mondon. The Office is respectfully requested to substitute the enclosed revised page 1 of the Request for the originally filed page 1 of the Request.

Please charge any fee(s) due on the above captioned patent application to Deposit Account No. 04-0780.

Should the Office care to discuss any of the foregoing in greater detail, the undersigned attorney would welcome a telephone call.

Respectfully submitted,



Douglas J. Hura  
Patent Counsel Reg. No. 33249

December 20, 2004

Address of signer:

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